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L1: Entry 23 of 44

File: USPT

Apr 9, 2002

US-PAT-NO: 6369204

DOCUMENT-IDENTIFIER: US 6369204 B1

TITLE: Antibodies to .alpha.v.beta.3 integrin

DATE-ISSUED: April 9, 2002

US-CL-CURRENT: 530/388.22; 435/7.1, 530/350, 530/387.1, 530/388.1, 530/388.2APPL-NO: 9/ 560743 [PALM]

DATE FILED: April 28, 2000

## PARENT-CASE:

This is a continuation of application U.S. Ser. No. 08/874,837, filed on Jun. 13, 1997; which is continuation of application U.S. Ser. No. 08/432,618, filed May 2, 1995, now U.S. Pat. No. 5,652,110; which is related to U.S. Ser. No. 08/432,542, filed May 2, 1995, now U.S. Pat. No. 5,652,109; which applications are continuations of U.S. Ser. No. 08/307,844, Sep. 30, 1994; which application is a 371 of PCT/US93/02987, filed Mar. 30, 1993, now U.S. Pat. No. 5,578,704; which is continuation-in-part of U.S. Ser. No. 08/025,913, filed Mar. 3, 1993 (abandoned); which is a continuation of U.S. Ser. No. 07/862,679, filed Apr. 3, 1992 (abandoned); which applications are incorporated herein by reference and to which applications priority is claimed under 35 USC .sctn.120.

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L1: Entry 38 of 44

File: USPT

Jul 29, 1997

US-PAT-NO: 5652110

DOCUMENT-IDENTIFIER: US 5652110 A

TITLE: Antibodies to .alpha.v.beta.3 integrin

DATE-ISSUED: July 29, 1997

US-CL-CURRENT: 435/7.1; 424/141.1, 424/143.1, 435/332, 435/334, 530/388.1APPL-NO: 8/ 432618 [PALM]

DATE FILED: May 2, 1995

PARENT-CASE:

## CROSS REFERENCES

This application is a continuation of U.S. application Ser. No. 08/307,844 filed 30 Sep. 1994, which application is a 371 of PCT/US93/02987 filed Mar. 30, 1993, now U.S. Pat. No. 5,578,704 which application is a continuation-in-part of U.S. which application Ser. No. 08/025,913, filed 3 Mar. 1993 (abandoned), which application is a continuation of U.S. application Ser. No. 07/862,679 filed 3 Apr. 1992 (abandoned), which applications are incorporated herein by reference and to which applications priority is claimed under 35 USC .sctn.120.

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Term	Documents
LM609.DWPI,EPAB,JPAB,USPT,PGPB.	66
LM609S	0
VITAXIN.DWPI,EPAB,JPAB,USPT,PGPB.	34
VITAXINS	0
ALPHAVBETA3.DWPI,EPAB,JPAB,USPT,PGPB.	25
ALPHAVBETA3S	0
(2 AND (ALPHAVBETA3 OR VITAXIN OR LM609)).USPT,PGPB,JPAB,EPAB,DWPI.	2
(L2 AND (LM609 OR VITAXIN OR ALPHAVBETA3)).USPT,PGPB,JPAB,EPAB,DWPI.	2

US Patents Full-Text Database  
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Database: IBM Technical Disclosure Bulletins

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L3

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DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L3 L2 and (lm609 or vitaxin or alphaVbeta3)

2

L3L2 brooks-peter\$

75

L2L1 (vitaxin or lm609 or alphaVbeta3) and breast

44

L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 5766591 A

L3: Entry 1 of 2

File: USPT

Jun 16, 1998

US-PAT-NO: 5766591

DOCUMENT-IDENTIFIER: US 5766591 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

DATE-ISSUED: June 16, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brooks; Peter	San Diego	CA		
Cheresh; David A.	Cardiff	CA		

US-CL-CURRENT: 424/184.1; 424/185.1, 424/277.1, 530/300, 530/350, 530/380, 530/381, 530/382

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 5753230 A

L3: Entry 2 of 2

File: USPT

May 19, 1998

US-PAT-NO: 5753230

DOCUMENT-IDENTIFIER: US 5753230 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

DATE-ISSUED: May 19, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brooks; Peter	San Diego	CA		
Cheresh; David A.	Cardiff	CA		

US-CL-CURRENT: 424/158.1; 424/143.1, 424/145.1, 424/155.1, 424/174.1, 530/388.22, 530/388.24, 530/388.25, 530/388.8

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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Term	Documents
LM609.DWPI,EPAB,JPAB,USPT,PGPB.	66
LM609S	0
VITAXIN.DWPI,EPAB,JPAB,USPT,PGPB.	34
VITAXINS	0
ALPHAVBETA3.DWPI,EPAB,JPAB,USPT,PGPB.	25
ALPHAVBETA3S	0
(2 AND (ALPHAVBETA3 OR VITAXIN OR LM609)).USPT,PGPB,JPAB,EPAB,DWPI.	2
(L2 AND (LM609 OR VITAXIN OR ALPHAVBETA3)).USPT,PGPB,JPAB,EPAB,DWPI.	2

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begin 5,73,155,399  
22may02 09:44:49 User208760 Session D2062.2  
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?	s	(alphavbeta3 or lm609) and (breast)
	1999	ALPHAVBETA3
	248	LM609
	443746	BREAST
S1	95	(ALPHAVBETA3 OR LM609) AND (BREAST)
?	rd s1	
	...	examined 50 records (50)
	...	completed examining records
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?	t s2/3/all	

2/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13627086 BIOSIS NO.: 200200255907

Processing of integrin alphav subunit by membrane type 1 matrix  
metalloproteinase stimulates migration of **breast** carcinoma cells on  
vitronectin and enhances tyrosine phosphorylation of focal adhesion  
kinase.

AUTHOR: Deryugina Elena I; Ratnikov Boris I; Postnova Tanya I; Rozanov  
Dmitri V; Strongin Alex Y(a)

AUTHOR ADDRESS: (a)Burnham Institute, 10901 North Torrey Pines Rd., La  
Jolla, CA, 92037\*\*USA E-Mail: strongin@burnham.org

JOURNAL: Journal of Biological Chemistry 277 (12):p9749-9756 March 22,  
2002

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

13612761 BIOSIS NO.: 200200241582

Identification of heat shock protein 60 as a molecular mediator of  
alpha3beta1 integrin activation.

AUTHOR: Barazi Heba O; Zhou Longen; Templeton Nancy Smyth; Krutzsch Henry C  
; Roberts David D(a)  
AUTHOR ADDRESS: (a)NIH, 10 Center Drive, Building 10 Room 2A33, MSC 1500,  
Bethesda, MD, 20892-1500\*\*USA E-Mail: droberts@helix.nih.gov  
JOURNAL: Cancer Research 62 (5):p1541-1548 March 1, 2002  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

13588872 BIOSIS NO.: 200200217693  
An alternative processing of integrin alphav subunit in tumor cells by  
membrane type-1 matrix metalloproteinase.  
AUTHOR: Ratnikov Boris I; Rozanov Dmitri V; Postnova Tanya I; Baciú Peter G  
; Zhang Heying; DiScipio Richard G; Chestukhina Galina G; Smith Jeffrey W  
; Deryugina Elena I; Strongin Alex Y(a)  
AUTHOR ADDRESS: (a)The Burnham Institute, 10901 N. Torrey Pines Rd., La  
Jolla, CA, 92037\*\*USA E-Mail: strongin@burnham.org  
JOURNAL: Journal of Biological Chemistry 277 (9):p7377-7385 March 1, 2002  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

13576994 BIOSIS NO.: 200200205815  
Combined modality radioimmunotherapy: Promise and peril.  
AUTHOR: Burke Patricia A; DeNardo Sally J(a); Miers Laird A; Kukis David L;  
DeNardo Gerald L  
AUTHOR ADDRESS: (a)Molecular Cancer Institute, University of California,  
Davis Medical Center, 1508 Alhambra Boulevard, Room 3100, Sacramento, CA,  
95816\*\*USA E-Mail: sjdenardo@ucdavis.edu  
JOURNAL: Cancer 94 (4 Supplement):p1320-1331 February 15, 2002  
MEDIUM: print  
ISSN: 0008-543X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13440281 BIOSIS NO.: 200200069102  
Simultaneous inhibition of glioma angiogenesis, cell proliferation, and  
invasion by a naturally occurring fragment of human metalloproteinase-2.  
AUTHOR: Bello Lorenzo; Lucini Valeria; Carrabba Giorgio; Giussani Carlo;  
Machluf Marcelle; Pluderi Mauro; Nikas Demetrios; Zhang Jianping; Tomei  
Giustino; Villani Roberto M; Carroll Rona S(a); Bikfalvi Andreas; Black  
Peter M  
AUTHOR ADDRESS: (a)Brigham and Women's Hospital, 221 Longwood Avenue, Room  
121, Boston, MA, 02115\*\*USA E-Mail: rcarroll@rics.bwh.harvard.edu



JOURNAL: Cancer Research 61 (24):p8730-8736 December 15, 2001  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13393245 BIOSIS NO.: 200200022066  
The blockade of integrin **alphavbeta3** for prevention of bone metastasis (BM) of human **breast** cancer.  
AUTHOR: Doi Masakazu(a); Ishii Seiichiro; Takayama Shin; Ikeda Tadashi; Masamura Shigeru; Kitajima Masaki  
AUTHOR ADDRESS: (a)Kawasaki City Hospital, Kawasaki\*\*Japan  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p796 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13261532 BIOSIS NO.: 200100468681  
Anti-metastatic efficacy mediated by peptidomimetic **alphaVbeta3** integrin antagonists in orthotopic and experimental models.  
AUTHOR: Griggs David William(a); Shannon Kristen E(a); Keene Jeffery L(a); Settle Steven L(a); Duffin Tiffany D(a); Nickols Maureen A(a); Schroeter Sally(a); Nickols G Allen(a); Westlin William F(a)  
AUTHOR ADDRESS: (a)Pharmacia Discovery Research, Saint Louis, MO\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p263 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13187246 BIOSIS NO.: 200100394395  
Expression of **alphavbeta3** integrin by **breast** cancer cells increases adhesion and migration response to osteopontin.  
AUTHOR: Furger Kara A(a); Tuck Alan B; Chambers Ann F  
AUTHOR ADDRESS: (a)Department of Pathology and Oncology, University of Western Ontario and London Health Sciences Centre, London, ON\*\*Canada  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p145 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for

Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13172097 BIOSIS NO.: 200100379246  
Transforming growth factor-beta induces osteoclast ruffling and chemotaxis:  
Potential role in osteoclast recruitment.  
AUTHOR: Pilkington Mary F; Sims Stephen M; Dixon S Jeffrey(a)  
AUTHOR ADDRESS: (a)Department of Physiology, Faculty of Medicine and  
Dentistry, University of Western Ontario, London, ON, N6A 5C1\*\*Canada  
JOURNAL: Journal of Bone and Mineral Research 16 (7):p1237-1247 July, 2001  
MEDIUM: print  
ISSN: 0884-0431  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13123739 BIOSIS NO.: 200100330888  
Tamoxifen and estrogen effects on TGF-beta formation: Role of  
thrombospondin-1, **alphavbeta3**, and integrin-associated protein.  
AUTHOR: Harpel John G; Schultz-Cherry Stacey; Murphy-Ullrich Joanne E;  
Rifkin Daniel B(a)  
AUTHOR ADDRESS: (a)Department of Cell Biology, New York University School  
of Medicine, 550 First Avenue, New York, NY, 10016: rifkid01@med.nyu.edu  
\*\*USA  
JOURNAL: Biochemical and Biophysical Research Communications 284 (1):p  
11-14 June 1, 2001  
MEDIUM: print  
ISSN: 0006-291X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13036760 BIOSIS NO.: 200100243909  
Tumor cell invasion is promoted by activation of protease activated  
receptor-1 in cooperation with the **alphavbeta5** integrin.  
AUTHOR: Even-Ram Sharona Cohen; Maoz Miriam; Pokroy Elisheva; Reich Reuven;  
Katz Ben-Zion; Gutwein Paul; Altevogt Peter; Bar-Shavit Rachel(a)  
AUTHOR ADDRESS: (a)Dept. of Oncology, Sharett Inst., Hadassah University  
Hospital, Jerusalem, 91120: barshav@md2.huji.ac.il, rachel  
barshavit@hms.harvard.edu\*\*Israel  
JOURNAL: Journal of Biological Chemistry 276 (14):p10952-10962 April 6,  
2001  
MEDIUM: print  
ISSN: 0021-9258

DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12977443 BIOSIS NO.: 200100184592  
Integrin activation controls metastasis in human **breast** cancer.  
AUTHOR: Felding-Habermann Brunhilde(a); O'Toole Timothy E; Smith Jeffrey W;  
Fransvea Emilia; Ruggeri Zaverio M; Ginsberg Mark H; Hughes Paul E;  
Pampori Nisar; Shattil Sanford J; Saven Alan; Mueller Barbara M  
AUTHOR ADDRESS: (a)Molecular and Experimental Medicine, The Scripps  
Research Institute, 10550 N. Torrey Pines Road, MEM 175, La Jolla, CA,  
92037: brunie@scripps.edu\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 98 (4):p1853-1858 February 13, 2001  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/13 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12933962 BIOSIS NO.: 200100141111  
MT1-MMP initiates activation of pro-MMP-2 and integrin **alphavbeta3**  
promotes maturation of MMP-2 in **breast** carcinoma cells.  
AUTHOR: Deryugina Elena I; Ratnikov Boris; Monosov Edward; Postnova Tanya I  
; DiScipio Richard; Smith Jeffrey W; Strongin Alex Y(a)  
AUTHOR ADDRESS: (a)The Burnham Institute, 10901 North Torrey Pines Road, La  
Jolla, CA, 92037: strongin@burnham.org\*\*USA  
JOURNAL: Experimental Cell Research 263 (2):p209-223 February 15, 2001  
MEDIUM: print  
ISSN: 0014-4827  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12917515 BIOSIS NO.: 200100124664  
Absence of endothelial cells, central necrosis, and fibrosis are associated  
with aggressive inflammatory **breast** cancer.  
AUTHOR: Shirakawa Kazuo; Tsuda Hitoshi; Heike Yuji; Kato Kazunori; Asada  
Rumiko; Inomata Motoko; Sasaki Hiroki; Kasumi Fujio; Yoshimoto Masataka;  
Iwanaga Toshihiko; Konishi Fumio; Terada Masaaki; Wakasugi Hiro(a)  
AUTHOR ADDRESS: (a)Pharmacology Division, National Cancer Center Research  
Institute, 5-1-1 Tsukiji, Chuo-Ku, Tokyo, 104-0045:  
hwakasug@gan2.ncc.go.jp\*\*Japan  
JOURNAL: Cancer Research 61 (2):p445-451 January 15, 2001  
MEDIUM: print  
ISSN: 0008-5472

DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/15 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12862075 BIOSIS NO.: 200100069224  
Estrogen receptor-alpha in the inhibition of cancer growth and  
angiogenesis.  
AUTHOR: Ali Syed Hamid(a); O'Donnell Amy L; Balu Daya; Pohl Mary B; Seyler  
Marie J; Mohamed Seema; Mousa Shaker; Dandona Paresh  
AUTHOR ADDRESS: (a)Department of Adult Oncology, Dana-Farber Cancer  
Institute and Harvard Medical School, 44 Binney Street, Boston, MA,  
02115: syedhali@hotmail.com\*\*USA  
JOURNAL: Cancer Research 60 (24):p7094-7098 December 15, 2000  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12828645 BIOSIS NO.: 200100035794  
Adherence to osteopontin via **alphavbeta3** suppresses phorbol  
ester-mediated apoptosis in MCF-7 **breast** cancer cells that  
overexpress protein kinase C-alpha.  
AUTHOR: Noti John D(a)  
AUTHOR ADDRESS: (a)Laboratory of Molecular Biology, Guthrie Research  
Institute, One Guthrie Square, Sayre, PA, 18840: jnoti@inet.guthrie.org\*\*  
USA  
JOURNAL: International Journal of Oncology 17 (6):p1237-1243 December,  
2000  
MEDIUM: print  
ISSN: 1019-6439  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/17 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12777168 BIOSIS NO.: 200000530791  
Expression and function of CYR61, an angiogenic factor, in **breast**  
cancer cell lines and tumor biopsies.  
AUTHOR: Tsai Miaw-Sheue; Hornby Ann E; Lakins Johnathon; Lupu Ruth(a)  
AUTHOR ADDRESS: (a)Lawrence Berkeley National Laboratory, University of  
California, 1 Cyclotron Road, Berkeley, CA, 94720\*\*USA  
JOURNAL: Cancer Research 60 (20):p5603-5607 October 15, 2000  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract

LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12734089 BIOSIS NO.: 200000487591  
Evaluation of a radiolabelled cyclic DTPA-RGD analogue for tumour imaging and radionuclide therapy.  
AUTHOR: van Hagen P M(a); Breeman W A P; Bernard H F; Schaar M; Mooij C M; Srinivasan A; Schmidt M A; Krenning E P; de Jong M  
AUTHOR ADDRESS: (a)Department of Immunology, Erasmus Medical Centre Rotterdam, Dr. Molewaterplein 40, 3015 GD, Rotterdam\*\*Netherlands  
JOURNAL: International Journal of Cancer 90 (4):p186-198 20 August, 2000  
MEDIUM: print  
ISSN: 0020-7136  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/19 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12713637 BIOSIS NO.: 200000467139  
The proliferative and migratory activities of **breast** cancer cells can be differentially regulated by heparan sulfates.  
AUTHOR: Nurcombe Victor(a); Smart Chanel E; Chipperfield Hiram; Cool Simon M; Boilly Benoni; Hondermarck Hubert  
AUTHOR ADDRESS: (a)Department of Anatomical Sciences, University of Queensland, Saint Lucia, QLD, 4072\*\*Australia  
JOURNAL: Journal of Biological Chemistry 275 (39):p30009-30018 September 29, 2000  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12661196 BIOSIS NO.: 200000414698  
Contortrostatin, a dimeric disintegrin from Agkistrodon contortrix contortrix, inhibits **breast** cancer progression.  
AUTHOR: Zhou Qing; Sherwin Russel P; Parrish Catherine; Richters Valda; Groshen Susan G; Tsao-Wei Denice; Markland Francis S(a)  
AUTHOR ADDRESS: (a)Cancer Research Laboratory, Department of Biochemistry and Molecular Biology, University of Southern California, 1303 N. Mission Road, Room 106, Los Angeles, CA, 90033\*\*USA  
JOURNAL: Breast Cancer Research and Treatment 61 (3):p249-260 June, 2000  
MEDIUM: print  
ISSN: 0167-6806  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/21 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12623470 BIOSIS NO.: 200000376972  
Osteopontin-induced, integrin-dependent migration of human mammary  
epithelial cells involves activation of the hepatocyte growth factor  
receptor (Met).  
AUTHOR: Tuck Alan B(a); Elliott Bruce E; Hota Charulata; Tremblay Eric;  
Chambers Ann F  
AUTHOR ADDRESS: (a)Department of Pathology, London Health Sciences Centre,  
375 South St., Victoria Campus, London, ON, N6A 4G5\*\*Canada  
JOURNAL: Journal of Cellular Biochemistry 78 (3):p465-475 6 June, 2000  
MEDIUM: print  
ISSN: 0730-2312  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12594096 BIOSIS NO.: 200000347598  
Functional analyses of two cellular binding domains of bovine lactadherin.  
AUTHOR: Andersen Mikkel H; Graversen Helle; Fedosov Sergey N; Petersen  
Torben E(a); Rasmussen Jan T  
AUTHOR ADDRESS: (a)Protein Chemistry Laboratory, Department of Molecular  
and Structural Biology, University of Aarhus, Gustav Wieds Vej 10C,  
Science Park, 8000, Aarhus C\*\*Denmark  
JOURNAL: Biochemistry 39 (20):p6200-6206 May 23, 2000  
MEDIUM: print  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12590409 BIOSIS NO.: 200000343911  
The alpha3beta1 integrin is associated with mammary carcinoma cell  
metastasis, invasion, and gelatinase B (MMP-9) activity.  
AUTHOR: Morini Monica; Mottolese Marcella; Ferrari Nicoletta; Ghiorzo  
Federica; Buglioni Simonetta; Mortarini Roberta; Noonan Douglas M; Natali  
Pier Giorgio; Albinì Adriana(a)  
AUTHOR ADDRESS: (a)Centro di Biotecnologie Avanzate, Istituto Nazionale per  
la Ricerca sul Cancro, Largo Rosanna Benzi, 10, 16132, Genova\*\*Italy  
JOURNAL: International Journal of Cancer 87 (3):p336-342 1 August, 2000  
MEDIUM: print  
ISSN: 0020-7136  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12555642 BIOSIS NO.: 200000309144  
Factor H binding to bone sialoprotein and osteopontin enables tumor cell evasion of complement-mediated attack.  
AUTHOR: Fedarko Neal S; Fohr Bert; Robey Pamela G; Young Marian F; Fisher Larry W  
AUTHOR ADDRESS: (a)5501 Hopkins Bayview Circle, Rm. 5A-64 JHAAC, Baltimore, MD, 21224\*\*USA  
JOURNAL: Journal of Biological Chemistry 275 (22):p16666-16672 June 2, 2000  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12541391 BIOSIS NO.: 200000294893  
RP593, a 99mTc-labeled **alphaVbeta3**/alphaVbeta5 antagonist, rapidly detects spontaneous tumors in mice and dogs.  
AUTHOR: Barrett J A; Crocker A C; Onthank D C; Heminway S; Rajopadhye M; Liu S; Bartis J; Edwards D S  
AUTHOR ADDRESS: (a)DuPont Pharmaceuticals Company, North Billerica, MA\*\*USA  
JOURNAL: Journal of Nuclear Medicine 41 (5 Suppl.):p34P May, 2000  
MEDIUM: print.  
CONFERENCE/MEETING: 47th Annual Meeting of the Society of Nuclear Medicine. St. Louis, Missouri, USA June 03-07, 2000  
SPONSOR: Society of Nuclear Medicine  
ISSN: 0161-5505  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/26 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12535023 BIOSIS NO.: 200000288525  
Tumor neovascular **alphavbeta3** receptor targeting with RGD peptide to enhance delivery of therapeutic radiolabeled MAb.  
AUTHOR: DeNardo S J; Burke P A; Leigh B R; O'Donnell R T; Miers L A; Goodman S L; Matzku S; Jonczyk A; Lamborn K R; Kroger L A; DeNardo G L  
AUTHOR ADDRESS: (a)University of California at Davis, Sacramento, CA\*\*USA  
JOURNAL: Journal of Nuclear Medicine 41 (5 Suppl.):p143P May, 2000  
MEDIUM: print.  
CONFERENCE/MEETING: 47th Annual Meeting of the Society of Nuclear Medicine. St. Louis, Missouri, USA June 03-07, 2000  
SPONSOR: Society of Nuclear Medicine  
ISSN: 0161-5505  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/27 (Item 27 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12461136 BIOSIS NO.: 200000214638

Expression of Cyr61, a ligand for integrin **alphaVbeta3**, modulates  
**breast** cancer progression.

AUTHOR: Tsai Miaw-Sheue(a); Bogart Daphne(a); Lupu Ruth(a)

AUTHOR ADDRESS: (a)Lawrence Berkeley National Lab, Berkeley, CA\*\*USA

JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting (41):p72 March, 2000

CONFERENCE/MEETING: 91st Annual Meeting of the American Association for  
Cancer Research. San Francisco, California, USA April 01-05, 2000

ISSN: 0197-016X

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/28 (Item 28 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12413375 BIOSIS NO.: 200000166877

Targets of extinction: Identification of genes whose expression is  
repressed as a consequence of somatic fusion between cells representing  
basal and luminal mammary epithelial phenotypes.

AUTHOR: MacDougall John R(a); Matrisian Lynn M

AUTHOR ADDRESS: (a)Cancer Research Programme, Northwestern Ontario Regional  
Cancer Centre, 290 Munro Street, Thunder Bay, Ontario, P7A 7T1\*\*Canada

JOURNAL: Journal of Cell Science. 113 (3):p409-423 Feb., 2000

ISSN: 0021-9533

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/29 (Item 29 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12413142 BIOSIS NO.: 200000166644

Functional activation of integrin **alphavbeta3** in tumor cells  
expressing membrane-type 1 matrix metalloproteinase.

AUTHOR: Deryugina Elena I; Bourdon Mario A; Jungwirth Karli; Smith Jeffrey  
W; Strongin Alex Y(a)

AUTHOR ADDRESS: (a)The Burnham Institute, 10901 North Torrey Pines Road, La  
Jolla, CA, 92037\*\*USA

JOURNAL: International Journal of Cancer. 86 (1):p15-23 April 1, 2000

ISSN: 0020-7136

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/30 (Item 30 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12408703 BIOSIS NO.: 200000162205

Neovascular targeting with cyclic RGD peptide (cRGDf-ACHA) to enhance  
delivery of radioimmunotherapy.

AUTHOR: DeNardo Sally J(a); Burke Patricia A; Leigh Bryan R; O'Donnell



Robert T; Miers Laird A; Kroger Linda A; Goodman Simon L; Matzku  
Siegfried; Jonczyk Alfred; Lamborn Kathleen R; DeNardo Gerald L  
AUTHOR ADDRESS: (a)Section of Radiodiagnosis and Therapy, Department of  
Internal Medicine, University of California Davis Medical Center,  
Sacramento, CA\*\*USA  
JOURNAL: Cancer Biotherapy & Radiopharmaceuticals. 15 (1):p71-79 2000  
ISSN: 1084-9785  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/31 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12360655 BIOSIS NO.: 200000114157  
Activation of integrin **alphavbeta3** regulates cell adhesion and  
migration to bone sialoprotein.  
AUTHOR: Byzova Tatiana V; Kim Wes; Midura Ronald J; Plow Edward F(a)  
AUTHOR ADDRESS: (a)Cleveland Clinic Foundation, 9500 Euclid Avenue, NB50,  
Cleveland, OH, 44195\*\*USA  
JOURNAL: Experimental Cell Research 254 (2):p299-308 Feb. 1, 2000  
ISSN: 0014-4827  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/32 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12259138 BIOSIS NO.: 200000012640  
Urokinase receptor interacts with **alphavbeta5** vitronectin receptor,  
promoting urokinase-dependent cell migration in **breast** cancer.  
AUTHOR: Carriero Maria V(a); Del Vecchio Silvana; Capozzoli Monica; Franco  
Paola; Fontana Laura; Zannetti Antonella; Botti Gerardo; D'Aiuto Giuseppe  
; Salvatore Marco; Stoppelli M Patrizia  
AUTHOR ADDRESS: (a)National Cancer Institute, Via M. Semmola, 80131, Naples  
\*\*Italy  
JOURNAL: Cancer Research 59 (20):p5307-5314 Oct. 15, 1999  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/33 (Item 33 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12189237 BIOSIS NO.: 199900484086  
Myosin light chain kinase functions downstream of Ras/ERK to promote  
migration of urokinase-type plasminogen activator-stimulated cells in an  
integrin-selective manner.  
AUTHOR: Nguyen Diem H D; Catling Andrew D; Webb Donna J; Sankovic Mauricio;  
Walker Lori A; Somlyo Avril V; Weber Michael J; Gonias Steven L(a)  
AUTHOR ADDRESS: (a)Department of Pathology, Department of Biochemistry and  
Molecular Genetics, University of Virginia Health Sciences Center,  
Charlottesville, VA, 22908\*\*USA

JOURNAL: Journal of Cell Biology 146 (1):p149-164 July 12, 1999  
ISSN: 0021-9525  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/34 (Item 34 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12172335 BIOSIS NO.: 199900467184  
Identification of CD47/integrin-associated protein and **alphavbeta3** as  
two receptors for the alpha3(IV) chain of type IV collagen on tumor  
cells.  
AUTHOR: Shahan Tracy A; Ziaie Zahra; Pasco Sylvie; Fawzi Abdelilah; Bellon  
Georges; Monboisse Jean-Claude; Kefalides Nicholas A(a)  
AUTHOR ADDRESS: (a)Connective Tissue Research Institute, University of  
Pennsylvania, 3624 Market Street 5-E, Philadelphia, PA, 19104\*\*USA  
JOURNAL: Cancer Research 59 (18):p4584-4590 Sept. 15, 1999  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/35 (Item 35 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

12058932 BIOSIS NO.: 199900339451  
Overexpression of protein kinase C-alpha in MCF-7 **breast** cancer cells  
results in differential regulation and expression of **alphavbeta3**  
and **alphavbeta5**.  
AUTHOR: Carey Indira; Williams Carol L; Ways D Kirk; Noti John D(a)  
AUTHOR ADDRESS: (a)Laboratory of Molecular Biology, Guthrie Research  
Institute, One Guthrie Square, Sayre, PA, 1884\*\*USA  
JOURNAL: International Journal of Oncology 15 (1):p127-136 July, 1999  
ISSN: 1019-6439  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/36 (Item 36 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11943699 BIOSIS NO.: 199900189808  
Clinical significance of angiogenic factors in **breast** cancer.  
AUTHOR: Locopo Nathalia; Fanelli Massimo; Gasparini Giampietro(a)  
AUTHOR ADDRESS: (a)Division of Medical Oncology, Azienda Ospedali Riuniti  
"Bianchi-Melacrino-Morelli", Via Melacrin\*\*Italy  
JOURNAL: Breast Cancer Research and Treatment 52 (1-3):p159-173 1998  
ISSN: 0167-6806  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/37 (Item 37 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11858523 BIOSIS NO.: 199900104632  
Cell matrix adhesions and localization of the vitronectin receptor in MCF-7  
human mammary carcinoma cells.  
AUTHOR: Depasquale Joseph A(a)  
AUTHOR ADDRESS: (a)Lab. Hum. Toxicol. and Mol. Epidemiol., Wadsworth Cent.,  
N.Y. State Dep. Health, Albany, NY 1220\*\*USA  
JOURNAL: Histochemistry and Cell Biology 110 (5):p485-494 Nov., 1998  
ISSN: 0948-6143  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/38 (Item 38 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11795865 BIOSIS NO.: 199900041974  
Selection of potentially metastatic subpopulations expressing c-erbB-2 from  
**breast** cancer tissue by use of an extravasation model.  
AUTHOR: Roetger Antje; Merschjann Anja; Dittmar Thomas; Jackisch Christian;  
Barnekow Angelika; Brandt Burkhard  
AUTHOR ADDRESS: Inst. Clin. Chem. Lab. Med., Albert-Schweitzer-Strasse 33,  
48129 Muenster\*\*Germany  
JOURNAL: American Journal of Pathology 153 (6):p1797-1806 Dec., 1998  
ISSN: 0002-9440  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/39 (Item 39 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11772366 BIOSIS NO.: 199900018475  
Differential regulation of **alphaVbeta3** and **alphaVbeta5** in MCF-7  
**breast** cancer cells overexpressing protein kinase C-alpha.  
AUTHOR: Carey I(a); Williams C L(a); Ways D K; Noti J D(a)  
AUTHOR ADDRESS: (a)Guthrie Res. Inst., Sayre, PA 18840\*\*USA  
JOURNAL: Molecular Biology of the Cell 9 (SUPPL.):p296A Nov., 1998  
CONFERENCE/MEETING: 38th Annual Meeting of the American Society for Cell  
Biology San Francisco, California, USA December 12-16, 1998  
SPONSOR: American Society for Cell Biology  
ISSN: 1059-1524  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/40 (Item 40 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11624597 BIOSIS NO.: 199800406879  
Bone sialoprotein supports **breast** cancer cell adhesion proliferation  
and migration through differential usage of the **alphavbeta3** and  
**alphavbeta5** integrins.  
AUTHOR: Sung V; Stubbs J T III; Fisher L; Aaron A D; Thompson E W(a)  
AUTHOR ADDRESS: (a)VBCRC Breast Cancer Res. Unit, St. Vincent's Inst. Med.  
Res., 9 Princess Street, Fitzroy 3065\*\*Australia  
JOURNAL: Journal of Cellular Physiology 176 (3):p482-494 Sept., 1998

ISSN: 0021-9541  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/41 (Item 41 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11478112 BIOSIS NO.: 199800259444  
Detection of tumor angiogenesis in vivo by **alphavbeta3**-targeted  
magnetic resonance imaging.  
AUTHOR: Sipkins Dorothy A(a); Cheresch David A; Kazemi Mahmood R; Nevin  
Linda M; Bednarski Mark D; Li King C P  
AUTHOR ADDRESS: (a)Lucas MRS Res. Cent., Dep. Radiol., Stanford Univ. Sch.  
Med., Stanford, CA 94305\*\*USA  
JOURNAL: Nature Medicine 4 (5):p623-626 May, 1998  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/42 (Item 42 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11413102 BIOSIS NO.: 199800194434  
Cell surface MT1-MMP and **alphavbeta3** jointly govern the activation of  
MMP-2 proenzyme by human tumor cells.  
AUTHOR: Deryugina E I(a); Reisfeld R A; Bourdon M A; Strongin A  
AUTHOR ADDRESS: (a)La Jolla Inst. Experimental Med., La Jolla, CA 92037\*\*  
USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 39p82 March, 1998  
CONFERENCE/MEETING: 89th Annual Meeting of the American Association for  
Cancer Research New Orleans, Louisiana, USA March 28-April 1, 1998  
SPONSOR: American Association for Cancer Research  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/43 (Item 43 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11387302 BIOSIS NO.: 199800168634  
Expression of **alphav** integrins and vitronectin receptor identity in  
**breast** cancer cells.  
AUTHOR: Meyer T(a); Marshall J F; Hart I R  
AUTHOR ADDRESS: (a)Richard Dimbleby Dep. Cancer Res./CRF Lab., St. Thomas'  
Hosp., Lambeth Palace Road, London SE1 7\*\*UK  
JOURNAL: British Journal of Cancer 77 (4):p530-536 Feb., 1998  
ISSN: 0007-0920  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/44 (Item 44 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11386678 BIOSIS NO.: 199800168010

alphav Integrins mediated adhesion and migration of **breast** carcinoma cell lines.

AUTHOR: Wong Nanette C; Mueller Barbara M; Barbas Carlos F; Ruminski Pete; Quaranta Vito; Lin Emme C K; Smith Jeffrey W

AUTHOR ADDRESS: Cancer Res. Center, Program Cell Adhesion Extracellular Matrix, Burnham Inst., 10901 North Torrey Pi\*\*USA

JOURNAL: Clinical & Experimental Metastasis 16 (1):p50-61 Jan., 1998

ISSN: 0262-0898

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/45 (Item 45 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

11298350 BIOSIS NO.: 199800079682

Attachment characteristics and involvement of integrins in adhesion of **breast** cancer cell lines to extracellular bone matrix components.

AUTHOR: van Der Pluijm Gabri(a); Vloedgraven Hans; Papapoulos Socrates; Loewik Clemens; Grzesik Wojtek; Kerr Janet; Robey Pamela Gehron

AUTHOR ADDRESS: (a)Univ. Hosp., Dep. Endocrinol. C4-89, Albinusdreef 2, 2333 AA Leiden\*\*Netherlands

JOURNAL: Laboratory Investigation 77 (6):p665-675 Dec., 1997

ISSN: 0023-6837

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/46 (Item 46 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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11080817 BIOSIS NO.: 199799701962

Lactadherin (formerly BA46), a membrane-associated glycoprotein expressed in human milk and **breast** carcinomas, promotes Arg-Gly-Asp (RGD)-dependent cell adhesion.

AUTHOR: Taylor Michael R; Couto Joseph R; Scallan Ciaran D; Ceriani Roberto L; Peterson Jerry A(a)

AUTHOR ADDRESS: (a)Cancer Res. Fund Contra Costa, 2055 N. Broadway, Walnut Creek, CA 94596\*\*USA

JOURNAL: DNA and Cell Biology 16 (7):p861-869 1997

ISSN: 1044-5498

RECORD TYPE: Abstract

LANGUAGE: English

2/3/47 (Item 47 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

10930909 BIOSIS NO.: 199799552054

Immunohistochemical analysis of integrin alpha-v-beta-3 expression on tumor-associated vessels of human carcinomas.

AUTHOR: Max Regina; Gerritsen Roland R C M; Nooijen Peet T G A; Goodman Simon L; Sutter Arne; Keilholz Ulrich; Ruiter Dirk J; De Waal Robert M W (a)

AUTHOR ADDRESS: (a)Dep. Pathol., Univ. Hosp. Nijmegen, P.O. Box 9101, 6500 HB Nijmegen\*\*Netherlands

JOURNAL: International Journal of Cancer 71 (3):p320-324 1997

ISSN: 0020-7136  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/48 (Item 48 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10064065 BIOSIS NO.: 199598518983  
Antiintegrin alpha-v-beta-3 blocks human **breast** cancer growth and  
angiogenesis in human skin.  
AUTHOR: Brooks Peter C(a); Stromblad Staffan; Klemke Richard; Visscher  
Daniel; Sarkar Fazlul H; Cheresch David A  
AUTHOR ADDRESS: (a)Dep. Immunol. Vascular Biol., Scripps Research Inst.,  
10666 North Torrey Pines Road, La Jolla, C\*\*USA  
JOURNAL: Journal of Clinical Investigation 96 (4):p1815-1822 1995  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/49 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

11466229 EMBASE No: 2002037721  
Role of **alphavbeta3** integrin receptors in **breast** tumor  
Sengupta S.; Chattopadhyay N.; Mitra A.; Ray S.; Dasgupta S.; Chatterjee  
A.  
Dr. A. Chatterjee, Department of Receptor Biology, Chittaranjan Natl.  
Cancer Institute, 37, S.P. Mukherjee Road, Calcutta - 700026 India  
AUTHOR EMAIL: cncist@giasclcl101.vsnl.net.in  
Journal of Experimental and Clinical Cancer Research ( J. EXP. CLIN.  
CANCER RES. ) (Italy) 2001, 20/4 (585-590)  
CODEN: JECRD ISSN: 0392-9078  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 30

2/3/50 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2002 Elsevier Science B.V. All rts. reserv.

07505972 EMBASE No: 1998388862  
Vascular integrin alpha(v)betainf 3: A new prognostic indicator in  
**breast** cancer  
Gasparini G.; Brooks P.C.; Biganzoli E.; Vermeulen P.B.; Bonoldi E.;  
Dirix L.Y.; Ranieri G.; Miceli R.; Cheresch D.A.  
G. Gasparini, Division of Medical Oncology, Ospedali Riuniti, Via  
Melacrino, 89100 Reggio Calabria Italy  
AUTHOR EMAIL: oncologiaRc@diel.it  
Clinical Cancer Research ( CLIN. CANC. RES. ) (United States) 1998, 4/11  
(2625-2634)  
CODEN: CCREF ISSN: 1078-0432  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 26

2/3/51 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE

(c) 2002 Elsevier Science B.V. All rts. reserv.

07276358 EMBASE No: 1998173050

Detection of tumor angiogenesis in vivo by alpha(v)betainf 3-targeted magnetic resonance imaging

Sipkins D.A.; Cheresh D.A.; Kazemi M.R.; Nevin L.M.; Bednarski M.D.; Li K.C.P.

D.A. Sipkins, Lucas MRS Research Center, Department of Radiology, Stanford Univ. School of Medicine, Stanford, CA 94305 United States

Nature Medicine ( NAT. MED. ) (United States) 1998, 4/5 (623-626)

CODEN: NAMEF ISSN: 1078-8956

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 20

2/3/52 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

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06874770 EMBASE No: 1997159098

Immunohistochemical analysis of integrin **alphavbeta3** expression on tumor- associated vessels of human carcinomas

Max R.; Gerritsen R.R.C.M.; Nooijen P.T.G.A.; Goodman S.L.; Sutter A.; Keilholz U.; Ruiter D.J.; De Waal R.M.W.

R.M.W. De Waal, Department of Pathology, University Hospital Nijmegen, P.O. Box 9101, 6500 HB Nijmegen Netherlands

AUTHOR EMAIL: r.dewaal@pathol.azn.nl

International Journal of Cancer ( INT. J. CANCER ) (United States) 1997

, 71/3 (320-324)

CODEN: IJCNA ISSN: 0020-7136

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 20

2/3/53 (Item 5 from file: 73)

DIALOG(R)File 73:EMBASE

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06695526 EMBASE No: 1996360463

Cell migration promoted by a potent GRGDS-containing thrombin-cleavage fragment of osteopontin

Senger D.R.; Perruzzi C.A.

Department of Pathology, Beth Israel Hospital, Harvard Medical School, 330 Brookline Avenue, Boston, MA 02215 United States

Biochimica et Biophysica Acta - Molecular Cell Research ( BIOCHIM.

BIOPHYS. ACTA MOL. CELL RES. ) (Netherlands) 1996, 1314/1-2 (13-24)

CODEN: BAMRD ISSN: 0167-4889

PUBLISHER ITEM IDENTIFIER: S0167488996000675

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/54 (Item 6 from file: 73)

DIALOG(R)File 73:EMBASE

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06277001 EMBASE No: 1995307430

Antiintegrin **alphavbeta3** blocks human **breast** cancer growth and angiogenesis in human skin

Brooks P.C.; Stromblad S.; Klemke R.; Visscher D.; Sarkar F.H.; Cheresh D.A.

Dept. of Immunology/Vascular Biology, Scripps Research Institute, 10666

North Torrey Pines Road, San Diego, CA 82037 United States  
Journal of Clinical Investigation ( J. CLIN. INVEST. ) (United States)  
1995, 96/4 (1815-1822)  
CODEN: JCINA ISSN: 0021-9738  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/55 (Item 1 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

10678478 20216643 PMID: 10751360  
Regulation of angiogenesis in vivo by ligation of integrin alpha5beta1  
with the central cell-binding domain of fibronectin.  
Kim S; Bell K; Mousa S A; Varner J A  
Department of Medicine/Cancer Center, Cellular and Molecular Medicine  
East, University of California San Diego, La Jolla, California 92093-0684,  
USA.  
American journal of pathology (UNITED STATES) Apr 2000, 156 (4)  
p1345-62, ISSN 0002-9440 Journal Code: 0370502  
Contract/Grant No.: R01 CA71619; CA; NCI  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/56 (Item 2 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

10659214 20190933 PMID: 10728589  
Functional activation of integrin alpha V beta 3 in tumor cells  
expressing membrane-type 1 matrix metalloproteinase.  
Deryugina E I; Bourdon M A; Jungwirth K; Smith J W; Strongin A Y  
La Jolla Institute for Experimental Medicine, CA, USA.  
International journal of cancer. Journal international du cancer (UNITED  
STATES) Apr 1 2000, 86 (1) p15-23, ISSN 0020-7136 Journal Code:  
0042124  
Contract/Grant No.: CA77470; CA; NCI; CA83017; CA; NCI; HL58925; HL;  
NHLBI; +  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/57 (Item 3 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

10274501 99263385 PMID: 10329602  
Cysteine-rich domain of human ADAM 12 (meltrin alpha) supports tumor cell  
adhesion.  
Iba K; Albrechtsen R; Gilpin B J; Loechel F; Wewer U M  
Institute of Molecular Pathology, University of Copenhagen, Copenhagen,  
Denmark.  
American journal of pathology (UNITED STATES) May 1999, 154 (5)  
p1489-501, ISSN 0002-9440 Journal Code: 0370502  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/58 (Item 4 from file: 155)



DIALOG(R) File 155:MEDLINE(R)

10226304 99214227 PMID: 10196234

Pro-adhesive and chemotactic activities of thrombospondin-1 for **breast** carcinoma cells are mediated by alpha3beta1 integrin and regulated by insulin-like growth factor-1 and CD98.

Chandrasekaran S; Guo N H; Rodrigues R G; Kaiser J; Roberts D D

Laboratory of Pathology, NCI, National Institutes of Health, Bethesda, Maryland 20892, USA.

Journal of biological chemistry (UNITED STATES) Apr 16 1999, 274 (16) p11408-16, ISSN 0021-9258 Journal Code: 2985121R

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/59 (Item 5 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

10086035 99045190 PMID: 9829725

Vascular integrin alpha(v)beta3: a new prognostic indicator in **breast** cancer.

Gasparini G; Brooks P C; Biganzoli E; Vermeulen P B; Bonoldi E; Dirix L Y ; Ranieri G; Miceli R; Cheresch D A

Division of Medical Oncology, Azienda Ospedaliera Bianchi-Melacrino-Morelli, Reggio Calabria, Italy. oncologiaRc@diel.it

Clinical cancer research : an official journal of the American Association for Cancer Research (UNITED STATES) Nov 1998, 4 (11) p2625-34, ISSN 1078-0432 Journal Code: 9502500

Contract/Grant No.: CA45726; CA; NCI; CA50286; CA; NCI; HL5444; HL; NHLBI

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/60 (Item 6 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

09413171 97313498 PMID: 9169492

Nitric oxide synthase lies downstream from vascular endothelial growth factor-induced but not basic fibroblast growth factor-induced angiogenesis.

Ziche M; Morbidelli L; Choudhuri R; Zhang H T; Donnini S; Granger H J; Bicknell R

Department of Pharmacology, University of Florence, 50134, Florence, Italy. ziche@stat.ds.unifi.it

Journal of clinical investigation (UNITED STATES) Jun 1 1997, 99 (11) p2625-34, ISSN 0021-9738 Journal Code: 7802877

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/61 (Item 1 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

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134278689 CA: 134(20)278689y JOURNAL

Adherence to osteopontin via .alpha.v.beta.3 suppresses phorbol ester-mediated apoptosis in MCF-7 breast cancer cells that overexpress protein kinase C-.alpha.

AUTHOR(S): Noti, John D.

LOCATION: Laboratory of Molecular Biology, Guthrie Research Institute,  
Sayre, PA, 18840, USA

JOURNAL: Int. J. Oncol. DATE: 2000 VOLUME: 17 NUMBER: 6 PAGES:  
1237-1243 CODEN: IJONES ISSN: 1019-6439 LANGUAGE: English PUBLISHER:  
International Journal of Oncology

2/3/62 (Item 2 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

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129314988 CA: 129(24)314988c PATENT

Methods for using antagonistic anti-.alpha.v.beta.3 integrin antibodies

INVENTOR(AUTHOR): Carron, Christopher P.; Meyer, Debra M.; Nickols, G.  
Allen; Smith, Jeffrey W.

LOCATION: USA

ASSIGNEE: G.D. Searle & Co.

PATENT: PCT International ; WO 9846265 A1 DATE: 19981022

APPLICATION: WO 98US6868 (19980409) \*US 43854 (19970411)

PAGES: 56 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395A

DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;  
CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KG;  
KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;  
PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS  
; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;  
LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG  
?

Set	Items	Description
S1	95	(ALPHAVBETA3 OR LM609) AND (BREAST)
S2	62	RD S1 (unique items)
? s (alphavbeta3 or lm609) and (bladder or colon or lung or angiofibroma or retroental or fibroplasia or hemangioma or kaproi)		
	1999	ALPHAVBETA3
	248	LM609
	227557	BLADDER
	247014	COLON
	991650	LUNG
	1774	ANGIOFIBROMA
	2834	RETROLENTAL
	4109	FIBROPLASIA
	30352	HEMANGIOMA
	0	KAPROI
S3	125	(ALPHAVBETA3 OR LM609) AND (BLADDER OR COLON OR LUNG OR ANGIOFIBROMA OR RETROLENTAL OR FIBROPLASIA OR HEMANGIOMA OR KAPROI)
? rd s3		
...examined 50 records (50)		
...examined 50 records (100)		
...completed examining records		
S4	83	RD S3 (unique items)
? ds		

Set	Items	Description
S1	95	(ALPHAVBETA3 OR LM609) AND (BREAST)
S2	62	RD S1 (unique items)
S3	125	(ALPHAVBETA3 OR LM609) AND (BLADDER OR COLON OR LUNG OR ANGIOFIBROMA OR RETROLENTAL OR FIBROPLASIA OR HEMANGIOMA OR KAPROI)
S4	83	RD S3 (unique items)

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FIBRINOGEN.DWPI,EPAB,JPAB,USPT.	8611
FIBRINOGENS.DWPI,EPAB,JPAB,USPT.	132
BREAST.DWPI,EPAB,JPAB,USPT.	33324
BREASTS.DWPI,EPAB,JPAB,USPT.	3038
CANCERS\$	0
CANCER.DWPI,EPAB,JPAB,USPT.	89822
CANCERALE.DWPI,EPAB,JPAB,USPT.	2
CANCERAMIC.DWPI,EPAB,JPAB,USPT.	4
CANCERAMIC-LIMITED.DWPI,EPAB,JPAB,USPT.	2
((VITRONECTIN OR FIBRINOGEN) SAME (BREAST) SAME (CANCERS\$ OR TUMORS\$ OR TUMOURS\$ OR CARCINOMA)).USPT,JPAB,EPAB,DWPI.	29

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side by side			result set
	<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<u>L1</u>	(vitronectin or fibrinogen) same (breast) same (cancer\$ or tumor\$ or tumour\$ or carcinoma)	29	<u>L1</u>

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Set	Items	Description
S1	232	(VITRONECTIN OR FIBRINOGEN) (20N) (BREAST) (20N) (CANCER? OR T-UMOR? OR TUMOUR?)
S2	98	S1 AND (TREAT? OR THERAP?)
S3	53	RD S2 (unique items)
S4	7	S1 AND PY=1990
S5	3	RD S4 (unique items)
S6	13	S1 AND PY=1991
S7	5	RD S6 (unique items)
S8	16	S1 AND PY=1992
S9	8	RD S8 (unique items)
S10	11	S1 AND PY=1993
S11	5	RD S10 (unique items)
S12	7	S1 AND PY=1994
S13	5	RD S12 (unique items)